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Fire TIES

• Training • Investigation • Education • Statistics

Fire Ties is a Joint Publication of the Michigan State Fire Marshal's Office and Michigan Fire Fighters Training Council



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In Remembrance - September 11, 2001



Wallpaper by George Lutz, MFFTC (Photos from various locations)

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NFPA Reports - Heart Attacks and Crashes are Leading Causes of Fire Fighter Fatalities

The annual analysis of deaths of U.S. on-duty fire fighters by the non-profit NFPA (National Fire Protection Association) shows that last year 439 fire fighters died, including 340 fire fighters from the New York City Fire Department in the World Trade Center attack. (The fire department also lost two paramedics and a chaplain in the incident.)

The report states that more full-time career fire fighters perished on September 11 than were killed over the previous

20 years.

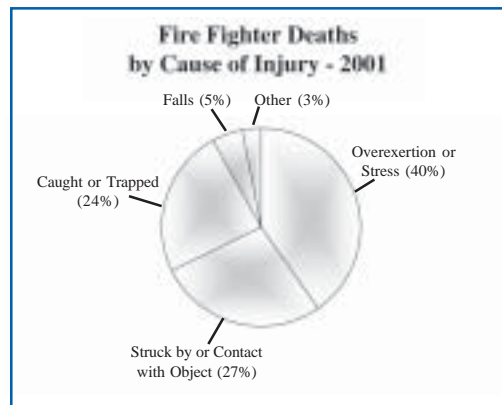
However, while noting the tragic loss of life on that single day, the analysis focuses on the

99 on-duty deaths that occurred elsewhere over the last year. In seven of the last 10 years, fewer than half of fire fighters' deaths

occurred while they were at a fire. A quarter of the deaths happened as fire fighters were traveling to or from fires or other emergencies.

The top killer of fire fighters in 2001, as it has been in recent years, was overexertion or stress that led to on-the-job heart attacks.

(continued on page three)



Fire Deaths

6 Fire Deaths Reported in July 2002

Name	Age	Sex	Date of Fire	Cause of Fire	Responding Fire Dept	Cause of Death	Smoke Detector Present	Smoke Detector Operational
Rubio, E.	29	M	6/15/02	arson	Grand Rapids/4112	Asphyxia	Yes	Yes
Torns, T.	18m	F	6/30/02	undetermined	Flint/2507	Exposure	no	
Balzer, J.	54	F	6/30/02	undetermined	Dansville/3303	smoke inhalation	unknown	
Lamb, A.	48	F	7/13/02	accidental	Flint/2507	smoke inhalation	yes	yes
Becker, S.	52	F	7/24/02	undetermined	Big Rapids/5402	smoke inhalation	yes	no
Waterlander, M.	71	F	7/26/02	accidental	Newberry/4801	smoke inhalation	no	

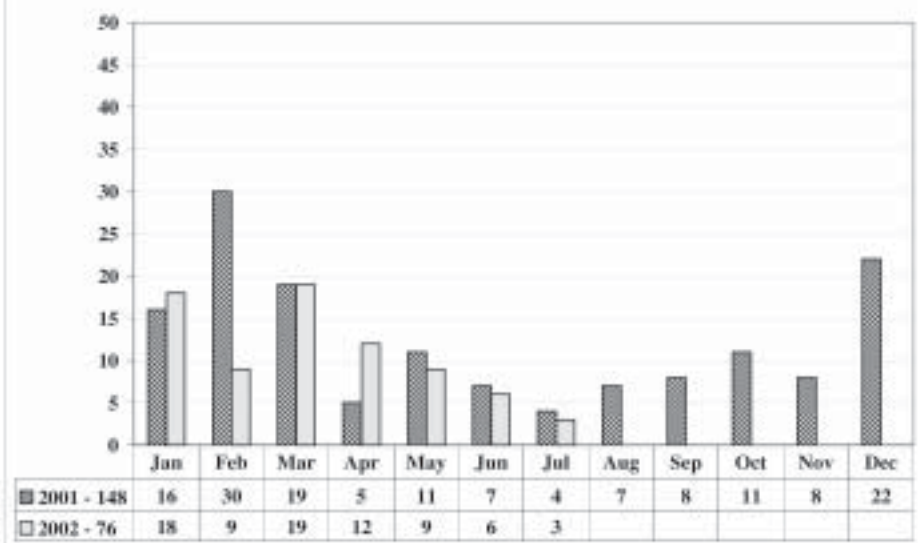
Send fire death information to Collene Shaner at shanercf@michigan.gov or by fax to 517.322.2908

Fire Fact of the Month

Two out of every three home fires associated with heating equipment involve devices other than central furnaces or water heaters

Source: NFPA

Fire Deaths by Month - Two Year Comparison



Fire Prevention Week is October 6-12, 2002 "Team Up For Fire Safety"



Every fire safety team starts with fire fighters - but they can't do it alone. Effective fire safety depends on teamwork. This year's theme for fire prevention week encourages fire fighters to team up with people with whom they live, work, play and worship, so that everyone in your community is prepared to prevent, and if necessary, to survive a home fire.

This year's campaign centers on three basic, but very important, safety lessons that everyone can, and should, learn: Installing and testing smoke alarms, practicing home escape plans, and hunting for home fire hazards.

The State Fire Marshal's Office encourages you to get out into your community to reinforce the importance of fire prevention, working smoke alarms and home escape plans.

(continued from page one)

These were the main causes of those 99 fire fighters' deaths:

- * Heart attacks killed 40. In all cases, the heart attacks were attributed to stress or overexertion. Twelve of those heart attacks occurred at a fire.
- * Twenty-seven died from being struck by an object or coming in contact with an object. These include 17 vehicle crashes.

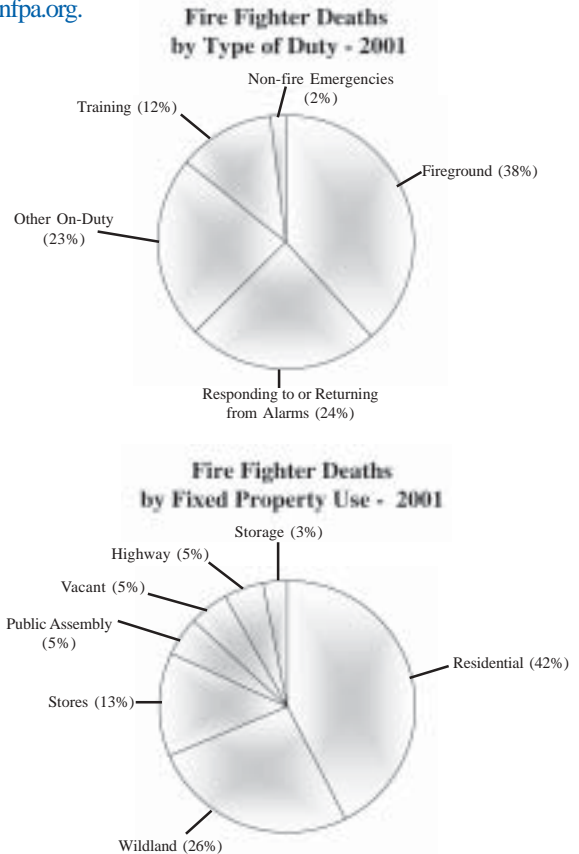
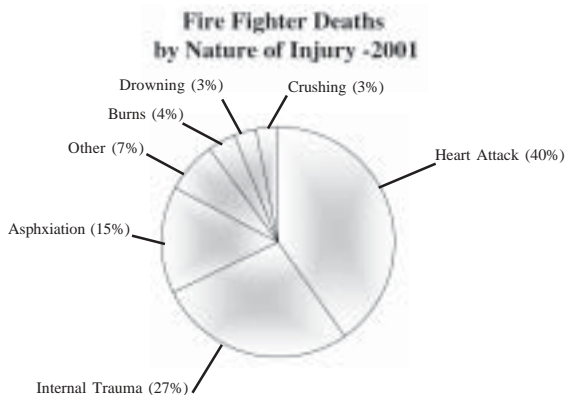
The chief activities that led to fire fighters' deaths were:

- * Fighting a fire, 38 deaths
- * Traveling to or from a fire, 24 deaths (this includes both crashes and heart attacks.)
- * Performing non-emergency duties, such as maintenance, 23 deaths

Older fire fighters were more likely to die than younger ones. Fire fighters in their 30's had the lowest death rates, while those in their 50's died at twice the average rate, and those in their 60's at four times the average.

"We all know fire fighting is a dangerous profession," says Rita Fahy, Ph.D., manager of fire databases and systems at NFPA. "But some of the biggest dangers occur away from fires. That's why prevention efforts must involve not just training and equipment, but helping fire fighters stay in shape and cope with stress. The men and women who protect us deserve no less."

The full report is available in the current issue of NFPA Journal, or in downloadable format from NFPA's web site at www.nfpa.org.



Breakfast with the Detroit Fire Department

The Detroit Fire Department, in conjunction with the Safety Council of Southeast Michigan and the Breakfast Committee, cordially invites your organization to support our **39th Annual Breakfast with the Detroit Fire Department** on Tuesday, October 8, 2002, 7:30 - 9:00 a.m. This event will take place in the River-view Ballroom on the Main Level, Room W1-52, of the Cobo Conference/Exhibition Center, One Washington Boulevard (at Jefferson Avenue), Detroit, Michigan. The breakfast buffet will begin at 7:30 a.m., with the program beginning at 7:45 a.m.

During the program we will honor members of the Detroit Fire Department for their acts of heroism performed in the line of duty. We will also acknowledge National Fire Prevention Week (October 6-12, 2002), emphasizing the benefits for every organization to adopt and maintain an on-going fire safety education program throughout the year.

This event provides a unique opportunity for business, government and civic organizations to join forces with members of the fire service to promote the principles of fire prevention. The cost is \$20 per person or \$200 to

sponsor a table of 10. One ticket per table will be withheld and given to a fire fighter or an emergency medical technician to attend the breakfast. If you would like to attend or sponsor a table, please contact Chief Lee C. Moore, Detroit Fire Department, at 313.596.2957, or Edward G. Ratzenberger, Safety Council of Southeast Michigan, at 248.557.7010.

The Breakfast Committee appreciates your organization's continued support and we look forward to seeing you at this year's Breakfast Program on October 8th.



Frequently Asked Questions

By Mary Nemeth, NFIRS Program Manager

For 2000 Statewide Fire Statistics and the Michigan Fire Service Directory log on to www.michigan.gov/msp, click on Services to Governmental Agencies, then go to State Fire Marshal.

If you have questions, contact:
Mary Nemeth,
Fire Reporting and
Analysis Unit,
nemethm@michigan.gov
TX: 517.322.1939
FAX: 517.322.2908

Q. How often should I submit my fire reports to the state?

A. NFIRS data should be submitted on a monthly basis (at the minimum) to the State Fire Marshal. Fire departments using vendor software may submit their data on a disk, as an e-mail attachment or by using the bulk import utility. Departments using the USFA Data Entry Tool will continue to submit their data directly through the Internet. **NOTE:** Submission of paper forms is being phased out.

Q. When do I use the civilian *fire* casualty module?

A. The civilian *fire* casualty module is required for all *fire* casualties. All other civilian casualties **MAY** be reported by using the EMS Module; however, this is not mandatory. A fire

casualty is a person who is injured or killed as a result of a fire, and includes injuries or deaths from natural or accidental causes sustained while involved in the activities of fire control, attempting rescue, or escaping from the dangers of the fire. Fires include incident types 100-199.

Q. Our fire department is dispatched to a house fire, however, when we arrive at the scene the fire is located inside a large rubbish barrel behind the house. Do we code this incident as a house fire?

A. The incident type reported is **not always** the same as the incident type initially dispatched. The correct incident type code should be based on the **actual** situation that the emergency personnel found on the scene

when they arrived. This incident would be coded as an outside rubbish fire.

Q. How do I code an incident when we are canceled enroute?

A. If your fire department is dispatched and **cancelled enroute**, the incident type would be 611 and the "Arrival Time" would be the same as the "Cleared Time."

Q. Should a rekindle fire be treated as a separate incident?

A. Yes. The redevelopment of a fire after it was thought to have been extinguished by the original fire service response should be treated as a separate incident. "Factors Contributing to Ignition" on the Fire Module would be coded as a 72 "Re-kindle."

Public Education

Beware of Deadly Toys!

By Thomas Kiurski, Fire Fighter, Livonia Fire & Rescue

How many times have your children noticed an item in the checkout line of a store or on the counter of a gas station and asked you to buy it for them? Well, check closely, because some of those objects meant to attract their interest could kill them, as well as other individuals in the house. The items in question are the novelty lighters that are being sold today, with no age restriction on who can purchase them.

These aren't the lighters we saw when we were younger. The rectangular chrome exterior that opened and exposed the mechanism that started a fire are being replaced by a much cooler-looking lighter that entices young

children to play with them. One lighter is shaped like a fancy pen, and even writes! But when the top is flipped back, a flame shoots out. Another looks like a cellular telephone. When you push the button on top that looks like a retracted antenna, the "phone" rings three times, erupting in a two-inch flame.

Other lighters shaped like fun toys include one that looks like a miniature fire extinguisher (ironic, isn't it?), a toy car with wheels that move, a miniature adjustable wrench, a replica of a motorcycle and one that does a fancy sparkling light show through its clear case before sending fire into the air.

I shudder to think how many

parents may have purchased these novelty lighters for their children, thinking they were harmless toys, and didn't know of their inherent danger. Statistics from the NFPA (National Fire Protection Association) tell us that fireplay is the leading cause of fire deaths among preschool children. In 1998, child-play fires caused an estimated 232 civilian deaths and 1,085 injuries in the United States alone. Most of the people killed by child-play fires are under six years of age, although the victims of these fires are not limited to the children who play with fire. When children play with lighters, the fatal victims are often younger siblings or playmates of the children who

The document defines novelty lighters as those lighters with additional features that make them attractive to children under five years of age.

start the fires.

To get an idea of the potential problem that can be caused by lighters, approximately 20 million lighters were reportedly sold in 1997. One study suggests that most multi-purpose lighters have a useful life of less than one year. More expensive lighters can have a substantially longer life, perhaps several years. Since a large number of lighters can be refilled and reused, the life expectancy of the lighter increases. Therefore, these potentially deadly items may lurk in homes for years before erupting into fatal fires.

In light of the risks of injury and deaths associated with lighters, the CPSC (Consumer Product Safety Commission) has published a Notice of Proposed Rulemaking to help educate the public about the testing required of lighters. The entire document is available for viewing at www.cpsc.gov. With so many lighters coming in from other countries to so many stores, it is hard to gain full compliance with the rule. Your best bet is to be educated about them.

The CPSC Publication entitled "Requirements for Cigarette Lighters, 16 C.F.R. Part 1210" defines lighters as "a flame-producing product that consumers commonly use to light

cigarettes, cigars, and pipes, although it may be used to light other material." It further defines disposable lighters as "a lighter that is either: one that cannot be refilled with fuel, or one that uses pressurized liquefied hydrocarbons and has a Customs Value or price from the manufacturing factory under \$2 (this value can be adjusted every five years, as necessary)." The document defines novelty lighters as those lighters with additional features that make them attractive to children under five years of age.

The CPSC rule covers disposable and novelty lighters and requires generally that:

1. At least 85% of the children who test a surrogate (dummy) lighter in the manner described must not be able to make it work;
2. The mechanism or system that makes the lighter child-resistant must reset automatically each time someone tries to light the lighter;
3. The child-resistant mechanism must not impair the safe operation of the lighter when the lighter is used in a normal and convenient manner;
4. The child-resistant mechanism must work properly for the reasonably expected life of the lighter; and
5. Users must not be able to

easily override or undo the child-resistant mechanism.

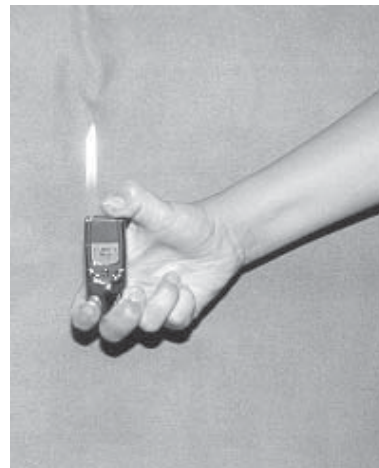
It is very difficult for anyone to determine if a lighter in their local store meets the rule, so it is important that citizens are warned of the hazards that are presented by lighters that may be brought into their homes. Fire fighters can bring along examples of these lighters when they meet with adult groups in their communities, such as PTA/PTO groups, homeowners associations or service groups. In Livonia (MI), Fire Inspector Randy Tromblay purchased some novelty lighters and mounted them in a carrying case (see photo) that can be easily transported to the requesting group for display.

Editors Note: In the January, 2002 issue of *Fire TIES*, we published an article regarding novelty lighters. At that time, we asked that if you have a business selling novelty lighters in your community, make sure they are doing it legally and placing the lighters in a location **away** from the eyes and hands of small children. Knowledge is power - give your community the information to empower them to take an active approach in ensuring that these lighters are not involved in another fire or involved in the loss of another innocent life.

...it is important that citizens are warned of the hazards that are presented by lighters that may be brought into their homes.



Novelty lighter demonstration case made by Livonia Fire Fighter Randy Tromblay for use in community education programs.



Demonstrating the real dangers of novelty lighters, the author's daughter (under supervision) operates a supposedly child-proof lighter. Notice how close the flame is to her thumb (the lighting mechanism) and how large the flame is.

Initial Attack Fire Management With ICS

By Michael S. Terwilliger, Chief, Truckee (CA) Fire District

Reprinted with permission of Fire Engineering (July 2002 issue), and the author

The incident command system...is a system that allows you to manage the risk with a little more style and a lot more accountability.

ICS is modular, which means that the command and general staff and all the other subunits are available to fill those functions at every call.

When the incident command system (ICS) was developed, we learned some new terminology: incident commander (IC); the command staff (public information, safety and liaison); and the general staff (operations, plans, logistics and finance). There have been many variations, but basically the good ol' ICS developed by FireScope in the early 1970s is intact and, when applied properly, is still unparalleled in its efficiency. As ICS evolved and agencies have tried to use it, its application was still misunderstood. We use ICS during large incidents (e.g., wildfire, flood, or even a major bicycle race) but often fail to use the system in an incident's beginning stages. I've heard the following statements: "We tried to implement ICS on structure fires, but it takes up to an hour" or "The company officer on an engine cannot be the IC; he must be with his company beating on the red devil. Someone else should be the IC!" After almost 30 years of ICS, the statements above just amaze me.

Let's review ICS through the two simple incidents, a wildfire and a structure fire, and see how the process starts at the time of the alarm, not when the fire goes over the hill or gets out of control. Let's start with the IC who, like it or not, shows up at the beginning of the story when the alarm is struck.

Incident Commander

ICS is modular, which means that the command and general staff and all the other subunits are available to fill those functions at every call. The command and general staff positions may not be filled, but the folks who developed ICS way back when were real smart. They knew that these eight functions always surface at some time at every incident, every time. How can this be on a simple structure fire? If you don't assign a person to those functions, who gets to do it? The IC. This takes us back to the start of this story. Every time an alarm sounds, if you are using the ICS, somebody is the IC, and this

responsibility must not be shuffled off onto the least-prepared member. In most cases, it should be the senior officer on the first engine responding. In this story, that would be a captain. For now, let's forget the command and general staff functions. What is the primary role of the IC initially? Developing a strategy or, better yet, the objectives, which is the thinking part of what he is going to do.

At a simple wildfire, this may be to hold the fire left of Smith Creek and keep it away from a certain house. On a structure fire, I still like RECEO (rescue, exposures, confinement, extinguishment, overhaul). The IC then develops a plan, "an ordered sequence of events over a specific time period to meet the objectives of the incident." This is just a verbal description of what should go on in every cab of every engine as it rolls to the two calls I mentioned above.

Developing objectives and plans to meet the objectives is the responsibility of the captain I selected, not the engine operator or a fire fighter or Joe Smith, who is designated to stand outside and talk on the radio. If the objectives and plan are not understood and shared with incoming resources, what happens? If you do not make a plan and implement it, someone else will, and you may not like it. In my fire department, the senior officer fires on-scene is responsible to be the IC and establish objectives and develop a plan – no exceptions.

Now where does all the other command and general staff stuff come in? Maybe that is where things get messed up. Let's look at the next key component for these two simple incidents.

Operations

The IC develops the strategy or objectives and a plan. Now someone has to put it in motion or develop tactics to meet the intent of the objectives. On that wildfire, the tactics might be a hoselay on the right flank to stop the spread into the house. On the structure fire, the first

tactic might be an aggressive attack on the structure (if staffing is limited) or a second-floor search if water is flowing on the fire.

Who is the tactician in ICS? The operations section chief (OSC). Obviously, we do not have the personnel to fill that box in ICS on this engine company, but it must be done. Who is responsible for operations? In this case, the IC. Now that we have an IC and an operations chief, the objectives are set and the engine company is committed to the tactic. The captain is with his crew directing operations. Where is the IC? It is still the captain, and he is involved in "combative command." You must have bulletproof communications to accomplish this. You must be able to communicate tactically with your personnel, with the incoming resources, and with your dispatch center. There are very inexpensive radios available to do this task. If your captains can't multitask, look for a new captain. In my department, there are no exceptions to this rule.

Transition of Command

At this point, this engine company is either doing a hose-lay on the right flank or involved in a search operation. The IC/OSC is directing the process in the fashion he has chosen. Now we have to discuss the "transition of command." In most organizations, hopefully another resource is on its way – another engine, truck, or a chief officer. We can go two ways now. The current IC/OSC will give the incoming resources their assignments.

In a perfect world, the resources would go to a pre-designated staging area and wait for assignment. In this world, they put you on the radio and come right in. The IC/OSC will complement the objectives already developed. The next engine will take the left flank of the wildfire to keep it out of Smith Creek. The truck is assigned to ventilation to assist the engine in rescue and start dealing with exposures, confinement and

extinguishment. If the engine captain who was at the fire initially had not established a command, developed objectives, implemented a plan, and started tactical applications – and had chosen not to be the IC – what will the next person in resources do? Whatever they think they should, that's what. Right now, you might be saying we have SOP's and we know what to do when we arrive at these incidents. We are a well-oiled machine. Once again, in my department, I recognize the predictability of failure and, more importantly, realize that choosing to have no plan is a plan in itself – just a lousy one. We try not to do things at a scene that are not orchestrated to the same sheet of music – no exceptions. Besides, if the well-oiled machine thing were true, why do we have chief officers? To deliver the mail? No answer required.

Let's go the other way, the easy way. The chief officer arrives before the next engine or truck. His role is to contact the current IC; determine what the objectives are, what the plan is, and what tactics have been implemented; and, when ready, assume command of the incident. The captain then becomes operations or, better yet, is assigned back to his role as company officer, and the chief officer fills the role of IC/OSC. A rule of thumb regarding assigning a separate OSC: When planning, logistics, finance and command staff functions keep you from focusing 100 percent on operations, assign an operations person. If you practice this all the time, it is just like falling off a log.

Safety, Public Information, Liaison, Logistics, Planning, Finance

We are well into fighting fire, and more resources are on the way. An organization is in place and can develop if needed. But what about all the other command and general staff functions as listed in this paragraph?

Well, go back to the primary role of the initial IC. He took on operations and IC. But in doing so he also did or would have had to deal with these as

well.

- * He obviously was a safety officer from the get-go, and the new IC will assign one soon.

- * When that captain told the media person, "I can't talk – I am busy," he was the public information officer.

- * When he asked the local cop to block the street, he was the liaison.

- * We know he put together a plan; he probably ordered more resources and studied the situation. That is a planning function.

- * He was thinking about getting water for his wildfire crew to drink and certainly was considering how he was going to replace air bottles in the SCBA's. That was a logistical function.

- * Finally, he wants to make sure he fights the fire as per department policy and procedure and cannot spend any money outside that system, a finance function.

Granted, the process I mentioned was very quick. But was it not something that must be done? On a major incident, are not hose functions doing exactly what I said within a larger scope? Yes, they are.

If nothing else, here is my challenge. If we can agree all those functions are going to happen at some time, what will happen if you ignore them? I tell you one thing for sure. They will be right in your face when you least need the problem. If your response is something like, "I can't worry about that stuff – I've got to pull some ceilings," then go pull some ceilings, please. Remember to do it in the right house.

I just told a short story of two simple incidents. I don't know how they came out, but I do know this: I know if the wildfire went over that hill, that chief officer would have filled a few boxes under operations, called divisions and maybe created a staging area. He might have lost focus on operations because of media issues and assigned an operations person. If the structure fire took possession of the second floor, that chief officer might have developed a fire attack group, an exposure group, and a staging area. Whichever way he decided to handle the fire, I know

the initial development of ICS by the first-in engine company set the foundation for him to do so effectively.

You know the beauty of ICS is that no matter what your department would do on these fires, and no matter what you call it, it fits in a box each and every time. I think we have all watched poorly managed incidents. Sometimes, it makes no discernable difference in the outcome; sometimes, the property damage is a little more; and sometimes, people die.

Using a "system" is a key to effective risk management. The incident command system is just that – a system that allows you to manage the risk with a little more style and a lot more accountability. Can you use another incident management system instead of ICS? Sure, if it ensures a safe and organized event, but the key here is this: you must have a system. In my department, we use ISC every day on every incident to which we respond. Do we have failures and lose the battle? Sure, but we do it in an organized fashion, and we win more than we lose – no exceptions.

Michael S. Terwilliger is chief of the Truckee (CA) Fire District. He began his career in 1972 with the California Department of Forestry, where he served for 24 years in the following assignments: division chief of operations (South) in the Nevada-Yuba-Placer Ranger Unit and as operation section chief and planning section chief on a Type I team from 1988 to 1996. He is a certified fire behavior analyst. He is incident commander for Sierra Front Wildfire Cooperators Team, which operates along the eastern California/Nevada border. He also instructs operations section chiefs, division group supervisors and strike team leaders.

...the process starts at the time of the alarm, not when the fire goes over the hill or gets out of control.

Editorial Note: The Michigan Department of Consumer and Industry Services, General Industry Standards Part 74, Fire Fighting, R408.17451, requires that "a nationally recognized Incident Management System be implemented at every emergency." Further, "A trained employee shall function as the incident commander at each emergency."

Teamwork Results In Successful Prosecution

By S/Sgt. Michael Jenkinson, State Fire Marshal's Office, West Branch Sub-Unit



Sgt. Mike Jenkinson

This time often brings out the worst in people, but sometimes, people's worst actions will bring out the best in others.

Each year, the end of October finds public safety providers concerned about the activities of "Devil's Night" and Halloween. This time often brings out the worst in people, but sometimes, people's worst actions will bring out the best in others.

Shortly after midnight on November 1, 2001, a few hours after the trick or treating ended, a 911 call was received at the Ogemaw County Central Dispatch that set into motion a sequence of events that truly defines teamwork, dedication and tenacity.

At 12:09 a.m., a caller reported a fire in the lumber warehouse behind the Green's Ace Hardware in the City of West Branch. The Ogemaw Fire Department responded to the scene, along with several other area departments, and took the lead role in the lengthy and difficult battle to suppress the large fire. I was contacted shortly after their arrival and requested to respond to the

scene to begin the investigation.

I had the opportunity to work this fire scene with Jim Bush, retired Fire Marshal Division First Lieutenant, who was doing the fire investigation for the insurance company. Our independent investigations both concluded that this fire was intentionally set by the ignition of common combustibles. On November 9, an Ogemaw County 911 dispatcher contacted me at home and advised that officers from the West Branch City Police Department had developed information on suspects involved in this fire and were requesting additional details. The patrolman conducted interviews that lead to interrogations and subsequent confessions from one of the suspects, as well as corroborating information from two other subjects.

During the course of their investigation, West Branch City Police Officers Ken Walters and Henry Burak learned that two 17 year-old men had been trick or treating in West Branch. After their quest for candy, they decided to enter the fenced yard behind the hardware store, and forcibly enter the warehouse. Once inside, one of the suspects lit some cardboard boxes containing siding and other building materials. After fleeing the flaming building, the two suspects met with two female acquaintances. The two suspects bragged about setting the fire, and then one of the female subjects destroyed evidence for the suspects.

As a result of their persistence and professionalism, Officers Walters and Burak obtained arrest warrants from the Ogemaw County Prosecutor, charging both men with Arson of Real

Property, and for her role after the fire, a 19 year old woman was charged with Accessory After the Fact to a Felony. After all three were arrested, one man pled guilty to attempted arson of real property, and was sentenced to 180 days in jail, 5 years probation, and \$360,093 in restitution. **Yes, that's Three Hundred Sixty Thousand and Ninety Three dollars!** The second man pled guilty to Arson of Real Property, and his sentencing is scheduled later in July, with a similar sentence expected. The woman pled guilty to Accessory after a Felony and received one-year probation, and \$770 in fines and costs.

After the outstanding job Officers Walters and Burak did, I had the distinct honor of presenting each of them with a certificate of appreciation from the Michigan State Police Fire Marshal Division at a West Branch City Council meeting on December 17, 2001. Thank you gentlemen!

And last, but certainly not least, I want to recognize and thank the men and women of the Ogemaw Fire Department, under the direction of Chief Richard Dack. They battled this fire for several hours, and after being up all night, returned to the scene later in the day to assist in the scene examination. This wasn't the first all nighter I've had the privilege of working with the Ogemaw Fire Department, and I'm sure it won't be the last! Thanks, and keep up the good work!



Sgt. Mike Jenkinson (right) presents Officer Henry Burak (left) and Officer Ken Walters (center) with Certificates of Appreciation from the State Fire Marshal's Office for their assistance in the successful prosecution of those involved in the arson of Green's Ace Hardware in West Branch on November 1, 2001.

MFFTC Regional Retests Scheduled 4th Edition FF-I, II and I & II

The Michigan Fire Fighters Training Council (MFFTC) has scheduled regional retests at Lansing, Watersmeet, Swartz Creek and St. Ignace. Individuals who need to retake the written and/or practical stage of a **4th Edition** Fire Fighter I, II or I & II exam may apply. Challenge applicants will also be accepted; however, retest candidates will be given priority if space becomes limited.

Each MFFTC Region Supervisor will be registering test candidates for the test(s) in their respective region. To schedule a retest, applicants must submit a written request and a copy of their "Notification of Fire Fighter Examination Results". (*Applicants must include their mailing address, phone number, fire department name and FDID number*). Pre-service students may apply to retest if the original Regional Training Center

assumes responsibility and liability for the pre-service student while retesting. This must be in writing on RTC letterhead and accompany the written request and copy of Examination Results.

The MFFTC implemented the International Fire Service Training Association (IFSTA) Essentials of Fire Fighting **4th Edition** curriculum on October 1, 2001.

Implementation of the new curriculum necessitated changes in the written and practical examinations.

An individual who has failed a FFI, II or I & II written and/or practical examination based on the Essentials of Fire Fighting **4th Edition**, must retest in a **4th Edition** exam. A **3rd Edition** retest candidate **cannot** retest at a **4th Edition** curriculum test site.

All requests received less than **(6) six weeks prior** to the test date will be returned.

Applications will be handled

on a first come, first served basis, so please apply early.

All applicants will be notified in

writing whether or not they are scheduled for a test.

4th Edition Curriculum Regional Retest Schedule

Saturday, Sept. 7, 2002 8:00 am Apply to:	Watersmeet FD, Watersmeet, MI Lorraine Schwarz - Region 1 Supervisor Michigan Fire Fighters Training Council 1504 W. Washington St., Suite A Marquette, MI 49855 Questions: 888-879-6459
Saturday, Sept. 14, 2002 8:00 am Apply to:	Swartz Creek Area FD, Swartz Creek, MI Deward Beeler - Region 3 Supervisor Michigan Fire Fighters Training Council 411B E. Genesee Saginaw, MI 48607 Questions: 888-879-6458
Saturday, Sept. 21, 2002 8:00 am Apply to:	St. Ignace High School, St. Ignace, MI Lorraine Schwarz - Region 1 Supervisor Michigan Fire Fighters Training Council 1504 W. Washington St., Suite A Marquette, MI 49855 Questions: 888-879-6459
Saturday, Sept. 28, 2002 8:00 am Apply to:	Lansing FD Training Academy, Lansing, MI Gary Crum - Region 2 Supervisor Michigan Fire Fighters Training Council 588 3 Mile Road NW Grand Rapids, MI 49544 Questions: 877-475-0844

MFRI Fire Officer I & II Region Retests Scheduled

The Michigan Fire Fighters Training Council (MFFTC) has scheduled Fire Officer I & II Region retests at Lansing, Sault Ste. Marie, and Holly. Individuals who need to retake the Fire Officer I or II exam should apply as soon as possible.

Each MFFTC Region Supervisor will be registering test candidates for the test in their respective region. To schedule a retest, applicants must submit a copy of their "Notification of Fire Officer Examination Results" and a written request for a retest. (**Note:** Applicants must include their mailing address, phone number, fire department name and

FDID number.)

All applicants will be notified in writing whether or not they have been scheduled for the test.

All applicants will be handled on a first come, first served basis - so please apply early.

Candidates must arrive at the test site no later than 15 minutes prior to the start time and check in with the exam proctor. Retest candidates should bring two sharpened #2 lead pencils. While at the test site, test candidates may only possess materials needed to take the exam. Study materials of any type are strictly prohibited.

MFRI Region Retest Schedule

Thursday, Oct. 17, 2002 6:00 pm Apply to:	Lansing FD Training Center, Lansing, MI Gary Crum - Region 2 Supervisor Michigan Fire Fighters Training Council 588 3 Mile Road NW Grand Rapids, MI 49544 Questions: 877-475-0844
Tuesday, Oct. 29, 2002 6:00 pm Apply to:	LSSU, Norris Center, Sault Ste Marie, MI Lorraine Schwarz - Region 1 Supervisor Michigan Fire Fighters Training Council 1504 W. Washington St., Suite A Marquette, MI 49855 Questions: 888-879-6459
Wednesday, Nov. 6, 2002 7:00 pm Apply to:	Groveland Twp. FD, Holly, MI Deward Beeler - Region 3 Supervisor Michigan Fire Fighters Training Council 411B E. Genesee Saginaw, MI 48607 Questions: 888-879-6458

MI Fire Fighters Training Council

Council Members

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Director of Training

Gregory Kirt
Phone 517.322.5444
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kirtg@michigan.gov

Region supervisors toll-free numbers are listed on the back page of Fire TIES.



Completing Exam Scan Sheets

By Deward Beeler, Region 3 Supervisor

Q. I am a Certified Instructor for the MFFTC who recently taught two courses requiring me to administer a computer-graded exam. I quickly reviewed the student's Exam Scan Answer Sheets before mailing them to the MFFTC Lansing Office. I noticed that several did not have the course number filled in and one student had overlapped two columns of oval marking spaces in the drivers license number. Some had marked the letter X along the number columns (left of the ovals) in the Examination Answers section and others did not do a good job of erasing when an exam answer was changed. How important is it to make sure all of the information on the Exam Scan Answer Sheet is clear and complete?

A. VERY IMPORTANT!!!

Incomplete and/or improperly completed Exam Scan Answer Sheets (the computer scan sheet filled out by each student participating in an MFFTC course) will delay the processing of final course paperwork. Ultimately, this will result in a delay in the students receiving their certificates or a fire chief receiving the FMD-123, Drivers Training Record, for students who participated in the classroom portion of a drivers training class.

In the example cited above, the

scan sheets will be returned to the Course Manager for proper completion. Final course paperwork is processed in the order received and, if returned for corrections, the final course paperwork will be placed in the order that it was returned. In the 2001 course year, the MFFTC staff person who processes final course paperwork scanned 21,370 Exam Answer Sheets for 1,279 courses. The staff does not have time to complete and correct improper forms. Doing so delays the certificates for students and course managers who took the time to complete their paperwork properly.

Listed below are instructions and areas of concern for properly filling out the Exam Scan Answer Sheets

1. If the course has a computer generated written exam the student must date and legibly sign the front of the test booklet.

2. Marking Instructions:

* Use a No. 2 pencil only.

* Make heavy marks that fill the oval completely.

* Erase unwanted marks cleanly. (Use a clean eraser)

* Make no stray marks on the answer sheet.

3. Completing the form: Print information requested and darken corresponding ovals.

4. Is all required data filled in?

* Instructor Name, Course Name and Course Number: Provided by instructor.

* Drivers' License Number: Enter driver license number when taking a Driver Training Course. Do not enter for other courses.

* Social Security Number: This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

* Birth Date: Make sure the date of birth is filled in correctly – we

see students each year born on the date of the class.

* FDID Number: Make certain that each student's FDID is correct. An FDID with one oval incorrectly marked records the fire fighter, as being on a different department and the certificate will be sent to the wrong fire department. Pre-service students registered through a Registered Training Center should leave the FDID blank.

* The name of the participants' fire department needs to be printed legibly. (If a certificate is received for an individual NOT on your department, return the certificate to the MFFTC Lansing office along with a note as to why the certificate was returned).

* Name: Enter legal name for official MFFTC records and course certificate (if a certificate is received with the students named spelled wrong, the original certificate with the corrections made must be returned to the MFFTC Lansing office. The corrections will be made and the certificate returned).

On the back of Scan Sheet:

* Today's Date: Enter today's date.

* Exam Code: IF the course uses a computer-graded exam, the exam code must be entered.

Verify that the exam code used matches the exam code on the front of the students test booklet. If no exam is required leave blank.

* Challengers: Fire Fighter I and/or II Challenger test candidates must darken the Challenger oval in the upper right corner. **All other test candidates leave blank.**

* Have you initialed the appropriate box in the "Area to be Completed by the instructor?"

NOTE: With the exception of FF I, II and I & II, the course manager

does not complete the Pass or Fail oval for a course with a Practical Skills Exam. The Pass or Fail oval for "Course Grade by Instructor" is to be completed when teaching a course that does not have a computer generated exam.

5. If a student has spilled water, pop, coffee, etc. on the form, the student needs to fill out another form. The scanner reads these markings as a variety of things and grades the sheet accordingly.

Proper completion of the Exam Scan Answer Sheet enables the MFFTC to process course results faster and accurately. A correctly

completed Exam Scan Answer Sheet enables the Training Council to maintain individual records for each Michigan fire fighter who attends one of the many courses registered through the MFFTC. It also enables us to provide each department in the State with an Annual Training Report showing each member's training history and status (firefighter, probationary/certified instructor, department training officer, etc.).

The MFFTC wishes to thank all of the course managers and instructors who work diligently to submit accurate and complete paperwork.

If you have questions pertaining to the programs and services provided by the Michigan Fire Fighters Training Council that you would like addressed in this column, please contact your MFFTC Region Supervisor listed on the back page of *Fire TIES*. If you have a question, no doubt there are many others who probably have the same question. We look forward to hearing from you!



Incomplete and/or improperly completed Exam Scan Answer Sheets...will delay the processing of final course paperwork.

NOTE: Previous *Issues & Answers* columns are posted at www.mfftc.org.

Revision Policy for IFSTA Manuals

During the latter half of the 1990's, Fire Protection Publications (FPP) adopted an administrative policy dictating that all IFSTA-validated manuals tied directly to National Fire Protection Association (NFPA) professional qualifications standards would automatically be revised on the same 5-year cycle as the corresponding standard. In some cases, this policy led to the development of new editions of IFSTA-validated manuals that were not warranted by any substantial changes in the corresponding NFPA standard. This, in turn, required many of our customers to make major changes to their curriculum and testing materials in order to reference the new IFSTA manuals.

During the past two years, the staff of FPP has discussed this policy with state fire training directors, fire department training officers, loyal IFSTA/FPP customers, IFSTA Executive Board and committee members, and amongst our own employees. The overwhelming consensus has been that the previously adopted automatic 5-year revision policy is

not in the best interest of our customers or our organization. In reality, IFSTA-validated manuals need only to be revised when substantial changes to the corresponding NFPA standards are anticipated or the material in the manual becomes dated and in need of revision. Thus, the decision has been made to return to the prior IFSTA/FPP policy of revising manuals only when a substantiated need can be determined. This policy has a number of benefits, including:

- * IFSTA/FPP customers will not be forced to adopt new materials when revisions to NFPA standards are minor and the existing edition of the IFSTA manuals continues to meet the job performance requirements of the revised standard.
- * Self-developed and FPP-provided curriculum materials will have a longer life span.
- * FPP staff and IFSTA members will have increased time, opportunity and resources to develop new manuals on important fire service topics that were not previously addressed.

As we have in the past, FPP

staff and IFSTA members will continue to monitor fire service trends, review the current editions of our manuals, accept input from our customers, and participate in the NFPA standards making process. This will allow us to make decisions on manual revisions that truly benefit all those who are involved.

With this policy in mind, it is the solid belief of FPP staff and IFSTA members that the 4th Edition of *Essentials of Fire Fighting* will continue to meet the fire service's needs for quality, basic fire fighter training in the foreseeable future. We do not believe that the new edition of the manual will need to be developed in order for our customers to address the revision of NFPA 1001 in May 2002 and there are no plans to produce a 5th Edition of *Essentials* until 2007. We hope this new policy and our decision regarding the *Essentials* manual will increase your ability to forecast your training material needs in the near and distance future.

We do not believe that the new edition of the manual will need to be developed in order for our customers to address the revision of NFPA 1001 in May 2002 and there are no plans to produce a 5th Edition of *Essentials* until 2007.

MI Fire Fighters Training Council Registered Training

Special Attention: FF-I and/or II courses are retained on this list based on "End Date" to allow scheduling of retests and challenge tests. All other courses appear on this list based on "Start Date".

Start Date	Time	End Date	Co.	Location	Course Manager	Phone
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FIRE FIGHTER – BASIC

Fire Fighter I						
08/22/02	6:00pm	12/14/02	82	Garden City	Robert Perry	734.462.4745
08/29/02	6:00pm	12/07/02	82	Taylor	Charles Pichan	313.496.2712

Fire Fighter II						
08/24/02	9:00am	12/07/02	82	Garden City	Robert Perry	734.462.4745
09/16/02	7:00pm	11/24/02	74	Port Huron	John Jeffries	810.989.5753
09/23/02	7:00pm	11/09/02	59	Stanton	Terry Beetley	989.463.0470

Fire Fighter I & II						
08/22/02	8:30am	12/06/02	33	Lansing	Larry Elliott	517.483.1346
09/03/02	9:00am	11/15/02	63	Auburn Hills	Ronald Deadman	248.232.4580
09/03/02	6:00pm	05/18/03	50	Clinton Township	Joseph Boldys	586.498.4021
09/03/02	6:00pm	03/22/03	74	Berlin Twp.	Shawn Knight	248.588.3605
09/04/02	6:00pm	03/22/03	41	Kentwood	Mark Smith	616.554.0800
09/09/02	8:00am	12/27/02	82	Detroit	William Jones	313.237.3170
09/10/02	8:00am	12/18/02	82	Detroit	William Jones	313.237.3170
09/17/02	7:00pm	04/28/03	44	Lapeer	Blaine Howell	810.793.7656
09/23/02	9:00am	03/15/03	63	Rochester Hills	Ronald Crowell	248.841.2706
09/23/02	6:30pm	03/15/03	63	Rochester Hills	Ronald Crowell	248.841.2706
09/23/02	6:30pm	03/29/03	78	Laingsburg	Guy Hubbard	517.202.0130
10/01/02	7:00pm	02/22/03	81	Ann Arbor	James Payeur	734.944.8191
10/01/02	6:00pm	03/01/03	33	Holt	Patrick Brown	517.694.3327
10/03/02	6:00pm	03/01/03	37	Mt. Pleasant	Dan Needham	989.773.2311
11/11/02	8:00am	04/26/03	73	Saginaw	Donald Couturier	989.686.9020
11/11/02	6:30pm	04/26/03	73	Saginaw	Raymond Wilson	989.792.9691

Fire Fighter I & II Exam						
09/21/02	8:00am	09/21/02	49	St. Ignace	Lorraine Schwarz	888.879.6459
09/28/02	7:45am	09/28/02	33	Lansing	Gary Crum	616.647.0844

APPARATUS

Apparatus & Pump Operations - FF I&II						
09/16/02	8:00am	10/05/02	63	Farmington Hills	Thomas Shurtleff Jr.	248.426.4400
10/14/02	9:00am	10/17/02	82	Garden City	John Smilnak	734.462.4770

DRIVER TRAINING

Driver Training						
09/16/02	6:30pm	09/17/02	36	Iron River	Thomas Ivey	715.479.9811
09/18/02	8:00am	09/25/02	25	Gaines	Joseph Edgerton	800.445.3844
09/18/02	6:00pm	09/25/02	25	Gaines	Joseph Edgerton	800.445.3844
09/22/02	8:00am	09/22/02	74	Avoca	Thomas Konik	810.364.6611
09/23/02	8:00am	09/23/02	82	Detroit	William Jones	313.237.3170
09/23/02	8:00am	10/05/02	63	Farmington Hills	Thomas Shurtleff Jr.	248.426.4400
09/28/02	9:00am	09/28/02	82	Belleville	James Payeur	734.944.8191
09/30/02	8:00am	09/30/02	82	Garden City	Raymond Wlosinski	734.422.1416
10/07/02	6:00am	10/12/02	24	Petoskey	Daniel Smith	231.347.2500
10/12/02	8:00am	10/13/02	28	Traverse City	Joe Corden	231.943.3473
10/14/02	8:30am	10/25/02	50	Sterling Heights	Richard Williams	586.726.7000
10/22/02	6:00pm	10/29/02	63	Troy	Keith Lenderman	248.524.3419
10/28/02	8:30am	11/08/02	50	Sterling Heights	Richard Williams	586.726.7000
11/01/02	8:00am	11/01/02	50	Clinton Township	Joseph Boldys	586.498.4021
02/25/03	7:00am	02/27/03	81	Ann Arbor	James Payeur	734.944.8191

ARSON DETECTION/FIRE INVESTIGATION

Detection Of Arson And Suspicious Fires						
10/10/02	9:00am	10/11/02	82	Garden City	John Smilnak	734.462.4770
10/17/02	9:00am	10/18/02	50	Fraser	Anthony Kowalski	586.498.4056
12/06/02	6:30pm	12/07/02	03	Allegan	Paul Baker	269.673.0468
02/21/03	6:00pm	02/22/03	53	Ludington	Steven Johnson	231.845.4488
02/24/03	8:00am	02/25/03	41	Wyoming	David Purchase	231.780.2500
04/04/03	6:00pm	04/05/03	41	Wyoming	David Purchase	231.780.2500

FIRE PREVENTION

Intro. To Fire Insp. Principles & Practices						
10/03/02	9:00am	10/04/02	50	Fraser	Anthony Kowalski	586.498.4056
10/16/02	9:00am	10/17/02	82	Garden City	John Smilnak	734.462.4770
12/14/02	8:00am	12/15/02	67	Leroy	Richard Ripke	989.689.4637
02/01/03	8:00am	02/02/03	53	Ludington	Steven Johnson	231.845.4488
02/15/03	8:00am	02/16/03	03	Otsego	Steven Stevenson	269.673.0572
02/17/03	8:00am	02/18/03	41	Wyoming	David Purchase	231.780.2500
03/08/03	8:00am	03/09/03	03	Allegan	Paul Baker	269.673.0468
03/15/03	8:00am	03/16/03	41	Belmont	David Purchase	231.780.2500

FIRE OFFICER

Fire Officer I						
09/16/02	6:30pm	02/10/03	50	Clinton Township	Anthony Kowalski	586.498.4056
09/19/02	6:00pm	02/20/03	25	Burton	Dennis Lacey	810.742.2158
10/17/02	6:00pm	10/17/02	33	Lansing	Gary Crum	616.647.0844
10/29/02	6:00pm	10/29/02	17	Sault Ste Marie	Lorraine Schwarz	888.879.6459
11/06/02	7:00pm	11/06/02	63	Holly	Deward Beeler	888.879.6458

Fire Officer II						
09/18/02	7:00pm	01/06/03	74	Port Huron	John Jeffries	810.989.5753
10/08/02	6:00pm	02/11/03	25	Goodrich	Robert Elizondo	810.241.1669

HAZARDOUS MATERIALS

Haz Mat First Responder - Awareness						
09/30/02	9:00am	09/30/02	63	Rochester Hills	Ronald Crowell	248.841.2706
09/30/02	6:30pm	09/30/02	63	Rochester Hills	Ronald Crowell	248.841.2706

Start Date	Time	End Date	Co.	Location	Course Manager	Phone
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09/30/02	12:00pm	09/30/02	82	Garden City	Robert Perry	734.462.4745
10/12/02	7:30am	10/12/02	63	Novi	Thomas Johnson	248.349.2162
10/21/02	12:00pm	12/21/02	63	Auburn Hills	Michael Sabol	248.232.4580
10/28/02	8:00am	10/28/02	50	Clinton Township	Joseph Boldys	586.498.4021
11/02/02	8:00am	11/02/02	73	Saginaw	Donald Couturier	989.686.9020
11/06/02	8:30am	11/06/02	33	Lansing	Larry Elliott	517.483.1346
11/14/02	5:00pm	11/14/02	82	Garden City	Robert Perry	734.462.4745
11/18/02	8:00am	11/18/02	82	Detroit	William Jones	313.237.3170
11/21/02	6:00pm	11/26/02	82	Taylor	Charles Pichan	313.496.2712
12/02/02	6:00pm	12/02/02	78	Laingsburg	Guy Hubbard	517.202.0130
01/18/03	8:00am	01/18/03	73	Saginaw	Raymond Wilson	989.792.9691
01/21/03	6:00pm	01/21/03	81	Ann Arbor	James Payeur	734.944.8191
02/01/03	8:00am	02/01/03	41	Kentwood	Mark Smith	616.554.0800
02/06/03	6:00pm	02/06/03	33	Holt	Patrick Brown	517.694.3327
02/10/03	6:00pm	02/10/03	37	Mt. Pleasant	Dan Needham	989.773.2311
03/04/03	7:00pm	03/06/03	44	Lapeer	Blaine Howell	810.793.7656

HazMat First Responder - Operations

09/19/02	6:30pm	09/28/02	29	Ithaca	Kenneth Smith	810.236.2012
10/01/02	9:00am	10/03/02	82	Garden City	Robert Perry	734.462.4745
10/05/02	9:00am	10/19/02	82	Garden City	John Smilnak	734.462.4770
10/22/02	9:00am	10/24/02	63	Auburn Hills	Michael Sabol	248.232.4580
10/26/02	8:00am	11/04/02	59	Stanton	Terry Beetley	989.463.0470
10/29/02	8:00am	10/31/02	50	Clinton Township	Joseph Boldys	586.498.4021
11/03/02	9:00am	11/10/02	74	Port Huron	John Jeffries	810.989.5753
11/11/02	8:30am	11/15/02	33	Lansing	Larry Elliott	517.483.1346
11/19/02	8:00am	11/22/02	82	Detroit	William Jones	313.237.3170
12/05/02	6:30pm	12/15/02	78	Laingsburg	Guy Hubbard	517.202.0130
01/18/03	1:00pm	02/02/03	73	Saginaw	Donald Couturier	989.686.9020
01/18/03	1:00pm	02/02/03	73	Saginaw	Raymond Wilson	989.792.9691
01/23/03	7:00pm	02/11/03	81	Ann Arbor	James Payeur	734.944.8191
02/12/03	8:00am	02/12/03	33	Holt	Patrick Brown	517.694.3327
02/13/03	6:00pm	02/20/03	37	Mt. Pleasant	Dan Needham	989.773.2311
02/22/03	8:00am	03/08/03	41	Kentwood	Mark Smith	616.554.0800
02/24/03	9:00am	03/06/03	63	Rochester Hills	Ronald Crowell	248.841.2706
02/24/03	6:30pm	03/06/03	63	Rochester Hills	Ronald Crowell	248.841.2706
03/06/03	7:00pm	03/23/03	44	Lapeer	Blaine Howell	810.793.7656

Incident Command System

09/17/02	8:00am	09/26/02	36	Iron River	Richard Caudill	906.358.0311
09/20/02	6:00pm	09/21/02	53	Ludington	Steven Johnson	231.845.4488
09/24/02	9:00am	09/25/02	82	Garden City	John Smilnak	734.462.4770
09/28/02	9:00am	09/29/02	63	Auburn Hills	Michael Sabol	248.232.4580
10/12/02	8:00am	12/13/02	78	Laingsburg	Guy Hubbard	517.202.0130
01/13/03	8:00am	01/14/03	61	Muskegon	David Purchase	231.780.2500
03/21/03	6:00pm	03/22/03	70	Grand Haven	David Purchase	231.780.2500

Clandestine Drug Lab - Awareness

09/16/02	8:00am	09/17/02	82	Detroit	William Jones	313.237.3170
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HEALTH/SAFETY

Fire Fighter Health & Safety						
10/23/02	9:00am	10/24/02	50	Fraser	Anthony Kowalski	586.498.4056
12/02/02	9:00am	12/03/02	63	Auburn Hills	Michael Sabol	248.232.4580
12/04/02	9:00am	12/05/02	82	Garden City	John Smilnak	734.462.4770

Health & Safety Officer

03/06/03	8:00am	03/07/03	41	Belmont	David Purchase	231.780.2500
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Fire Fighter Safety & Survival

09/27/02	6:00pm	09/28/02	66	Ewen	Dennis O'Brien	906.884.2380
09/28/02	8:00am	09/29/02	33	Okemos	David Harper	517.347.5055
10/04/02	6:00pm	10/05/02	28	Traverse City	Joe Corden	231.943.3473
10/26/02	9:00am	10/27/02	63	Orchard Lake	Michael Sabol	248.232.4580
11/01/02	6:00pm	11/02/02	03	Otsego	Steven Stevenson	269.673.0572

MI Fire Fighters Training Council

Start Date	Time	End Date	Co.	Location	Course Manager	Phone
01/15/03	6:00pm	01/15/03	41	Grand Rapids	Mike Greis	517.322.3461
02/15/03	8:30am	02/15/03	23	Lansing	Mike Greis	517.322.3461
03/26/03	6:00pm	03/26/03	37	Mt.Pleasant	Mike Greis	517.322.3461

MANAGER/SUPERVISOR DEVELOPMENT

Records & Reports

09/28/02	9:00am	09/28/02	09	University Center	Donald Couturier	989.686.9020
10/12/02	9:00am	10/12/02	63	Orchard Lake	Michael Sabol	248.232.4580
10/26/02	8:00am	10/26/02	28	Traverse City	Joe Corden	231.943.3473
12/21/02	8:00am	12/21/02	03	Otsego	Steven Stevenson	269.673.0572
01/17/03	1:00pm	01/17/03	61	Muskegon	David Purchase	231.780.2500
01/18/03	8:00am	01/18/03	70	Grand Haven	David Purchase	231.780.2500

Fire Service Supervision - Personal

09/24/02	9:00am	09/25/02	50	Clinton Township	Anthony Kowalski	586.498.4021
10/07/02	9:00am	10/08/02	82	Garden City	John Smilnak	734.462.4770
10/18/02	5:00pm	10/19/02	67	Leroy	David Purchase	231.780.2500
11/02/02	8:00am	11/03/02	33	Okemos	David Harper	517.347.5055
01/10/03	6:00pm	01/11/03	03	Otsego	Steven Stevenson	269.673.0572
01/24/03	6:30pm	01/25/03	03	Allegan	Paul Baker	269.673.0468
01/31/03	6:00pm	02/01/03	61	Norton Shores	David Purchase	231.780.2500
02/19/03	8:00am	02/20/03	41	Wyoming	David Purchase	231.780.2500
03/21/03	6:00pm	03/22/03	53	Ludington	Steven Johnson	231.845.4488

Fire Service Supervision - Team

10/01/02	9:00am	10/02/02	50	Fraser	Anthony Kowalski	586.498.4056
10/14/02	9:00am	10/15/02	82	Garden City	John Smilnak	734.462.4770
10/25/02	5:00pm	10/26/02	67	Leroy	David Purchase	231.780.2500
12/07/02	8:00am	12/08/02	33	Okemos	David Harper	517.347.5055
02/07/03	6:00pm	02/08/03	03	Otsego	Steven Stevenson	269.673.0572
02/20/03	8:00am	02/21/03	41	Wyoming	David Purchase	231.780.2500
02/21/03	6:30pm	02/22/03	03	Allegan	Paul Baker	269.673.0468
04/18/03	6:00pm	04/19/03	53	Ludington	Steven Johnson	231.845.4488
04/25/03	6:00pm	04/26/03	61	Norton Shores	David Purchase	231.780.2500

Leadership I

10/21/02	9:00am	10/22/02	50	Fraser	Anthony Kowalski	586.498.4056
12/02/02	9:00am	12/03/02	82	Garden City	John Smilnak	734.462.4770
12/04/02	9:00am	12/05/02	63	Auburn Hills	Michael Sabol	248.232.4580
03/10/03	8:00am	03/11/03	41	Belmont	David Purchase	231.780.2500

Leadership II

10/29/02	9:00am	10/30/02	50	Fraser	Anthony Kowalski	586.498.4056
12/06/02	9:00am	12/07/02	82	Garden City	John Smilnak	734.462.4770
12/09/02	9:00am	12/10/02	63	Auburn Hills	Michael Sabol	248.232.4580
03/12/03	1:00pm	03/13/03	41	Belmont	David Purchase	231.780.2500

Leadership III

11/07/02	9:00am	11/08/02	50	Fraser	Anthony Kowalski	586.498.4056
12/10/02	9:00am	12/11/02	82	Garden City	John Smilnak	734.462.4770
12/11/02	9:00am	12/12/02	63	Auburn Hills	Michael Sabol	248.232.4580
03/19/03	1:00pm	03/20/03	41	Belmont	David Purchase	231.780.2500

RESCUE

Vehicle Extrication

09/19/02	6:00pm	09/28/02	61	Muskegon	Toney Romans	231.773.4316
09/23/02	6:00pm	09/29/02	33	Holt	Charles Hendrickson	517.483.4551
09/23/02	7:00pm	10/05/02	11	Berrien Springs	Craig Lear	616.683.9440
09/30/02	7:00pm	10/05/02	11	Berrien Springs	Craig Lear	616.683.9440
10/05/02	9:00am	10/06/02	11	Berrien Springs	Craig Lear	616.683.9440

SUPPRESSION

Building Construction: Principles

09/27/02	6:00pm	09/28/02	03	Otsego	Steven Stevenson	269.673.0572
10/05/02	8:00am	10/06/02	33	Okemos	David Harper	517.347.5055
10/26/02	8:00am	10/27/02	53	Ludington	Steven Johnson	231.845.4488
11/09/02	9:00am	11/10/02	09	University Center	Donald Couturier	989.686.9020
12/14/02	9:00am	12/15/02	63	Orchard Lake	Michael Sabol	248.232.4580
01/15/03	8:00am	01/16/03	61	Muskegon	David Purchase	231.780.2500
02/21/03	6:00pm	02/22/03	70	Grand Haven	David Purchase	231.780.2500

Building Construction: Noncombustible

09/20/02	9:00am	09/23/02	50	Clinton Township	Anthony Kowalski	586.498.4021
10/04/02	6:30pm	10/05/02	03	Allegan	Paul Baker	269.673.0468
10/21/02	9:00am	10/22/02	82	Garden City	John Smilnak	734.462.4770
10/25/02	6:00pm	10/26/02	03	Otsego	Steven Stevenson	269.673.0572
10/30/02	7:00pm	12/18/02	09	University Center	Donald Couturier	989.686.9020
11/08/02	5:00pm	11/09/02	67	Leroy	David Purchase	231.780.2500
01/11/03	8:00am	01/12/03	33	Okemos	David Harper	517.347.5055
02/12/03	8:00am	02/13/03	41	Wyoming	David Purchase	231.780.2500
03/07/03	6:00pm	03/08/03	61	Norton Shores	David Purchase	231.780.2500
03/08/03	8:00am	03/09/03	53	Ludington	Steven Johnson	231.845.4488

Managing Co. Tactical Operations - Preparing

09/18/02	9:00am	09/19/02	50	Clinton Township	Anthony Kowalski	586.498.4021
10/04/02	6:00pm	10/05/02	03	Otsego	Steven Stevenson	269.673.0572
10/12/02	9:00am	10/13/02	09	University Center	Donald Couturier	989.686.9020
11/02/02	8:00am	11/03/02	28	Traverse City	Joe Corden	231.943.3473
11/09/02	9:00am	11/10/02	63	Orchard Lake	Michael Sabol	248.232.4580
01/20/03	8:00am	01/21/03	61	Muskegon	David Purchase	231.780.2500
01/24/03	6:00pm	01/25/03	70	Grand Haven	David Purchase	231.780.2500

Managing Co. Tactical Operations - Decision

09/26/02	9:00am	09/27/02	50	Clinton Township	Anthony Kowalski	586.498.4021
10/26/02	9:00am	10/27/02	09	University Center	Donald Couturier	989.686.9020
11/22/02	6:00pm	11/23/02	03	Otsego	Steven Stevenson	269.673.0572
11/23/02	9:00am	11/24/02	63	Orchard Lake	Michael Sabol	248.232.4580

Start Date	Time	End Date	Co.	Location	Course Manager	Phone
12/07/02	8:00am	12/08/02	28	Traverse City	Joe Corden	231.943.3473
01/22/03	8:00am	01/23/03	61	Muskegon	David Purchase	231.780.2500
02/07/03	6:00pm	02/08/03	70	Grand Haven	David Purchase	231.780.2500

Managing Co. Tactical Operations - Tactics

09/27/02	5:00pm	09/28/02	67	Leroy	David Purchase	231.780.2500
10/14/02	9:00am	10/15/02	50	Fraser	Anthony Kowalski	586.498.4056
10/24/02	9:00am	10/25/02	82	Garden City	John Smilnak	734.462.4770
11/01/02	6:30pm	11/02/02	03	Allegan	Paul Baker	269.673.0468
12/21/02	8:00am	12/22/02	28	Traverse City	Joe Corden	231.943.3473
01/10/03	6:30pm	01/11/03	53	Ludington	Steven Johnson	231.845.4488
01/17/03	6:00pm	01/18/03	03	Otsego	Steven Stevenson	269.673.0572
01/18/03	8:00am	01/19/03	33	Okemos	David Harper	517.347.5055
02/10/03	8:00am	02/11/03	41	Wyoming	David Purchase	231.780.2500
02/28/03	6:00pm	03/01/03	41	Wyoming	David Purchase	231.780.2500

Flammable Liquids

10/18/02	9:00am	10/18/02	82	Garden City	John Smilnak	734.462.4770
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Introduction to Wildland Fire Suppression

09/23/02	6:00pm	09/30/02	74	Port Huron	John Jeffries	810.989.5753
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TERRORISM

Emerg. Resp. to Terrorism: TC-EMS

10/28/02	8:00am	10/31/02	81	Ann Arbor	William Cobb, Jr.	734.994.1527
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Emerg. Resp. To Terrorism: SCCO

09/18/02	8:00am	9/19/02	82	Detroit	William Jones	313.237.3170
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Michigan Hazardous Materials Training Center Training Advisory

Applications are now being accepted for the following courses for October 2002. Please contact the Michigan State Police, Hazardous Materials Training Center, for further information at 517.322.1190.

Course Name	Dates	Cost
Terrorism Awareness	Oct. 2	Free
2002 Summit Conference	Oct 7-10	
Explosives Recognition	Oct 11	\$50
Hazardous Materials Technician-Advanced	Oct 14-18	\$395
Hazardous Materials Incident Response Operations EPA 165.5	Oct 21-25	\$495
Rope Rescue II	Oct 28-30	\$375
Hazardous Waste Operations 8 hr. (HAZWOPER) Refresher	Oct 31	\$95

"FIRST EVER" Michigan Fire EXPO Scheduled



**June 18-22, 2003
Amway Grand Plaza
Grand Rapids, MI**

Mark your calendars today! Visit the EXPO web site at www.mi-fire-expo.org for continuously updated information on this "FIRST EVER" Michigan Fire Service EXPO!

MFFTC New Instructor Orientation

- An individual interested in becoming a MFFTC instructor must attend this course to be eligible to apply. Attendees are introduced to the International Fire Service Training Association curriculum format and MFFTC instructor policies.

Pre-registration is required. Please CIRCLE the course DATE you plan to attend.

Date	Time	Location	Directions
9/21/02	8:30-9:00AM (Register) 9AM-1PM (Program)	Auburn Hills Fire Dept. 1899 N. Squirrel Rd. Auburn Hills, MI	I-75 to University Exit #79, turn east to N. Squirrel on southwest corner of Squirrel and University
10/19/02	8:30-9:00AM (Register) 9AM-1PM (Program)	8th District Hdqts. (MSP) 1504 W. Washington St., Ste A Marquette, MI	US 41/28, North on McKellan, West on Ridge, 5th building on left (next to Jilberts Dairy)
10/19/02	<u>MFSIA Conference</u> 7:30-8:00AM (Register) 8:00AM-12:00M (Program)	Holiday Inn 615 East Front Street Traverse City, MI	1/2 mile East of downtown Traverse City on US 31 (Front Street) along Grand Traverse Bay
10/23/02	6-6:30PM (Register) 6:30-10:30PM (Program)	Holiday Inn 5665 E. Pickard Rd. Mt. Pleasant, MI	US 27 to exit at M-20 (Mt. Pleasant); go east 2/10 of a mile
11/08/02	8:30-9:00AM (Register) 9AM-1PM (Program)	Schoolcraft College Fire Trng. 1751 Radcliff Garden City, MI	I-275 to Ford Rd exit; east on Ford Rd 3.3 miles to Wildwood; south on Wildwood to the College entrance
11/16/02	8-8:30AM (Register) 8:30AM-12:30PM (Program)	Charlotte Fire Dept 111 East Lawrence Ave. Charlotte, MI	Exit 61 off I-69, south on Lansing Rd. (turns into Lawrence) to downtown, park behind fire station
12/7/02	8:30-9:00AM (Register) 9AM-1PM (Program)	Holiday Inn 833 W. Main (M-32) Gaylord, MI	I-75 to Exit 282
1/11/03	8:30-9:00AM (Register) 9AM-1PM (Program)	Macomb Community College 21901 Dunham Clinton Twp, MI	Exit off 696 at Grosbeck Hwy, go north on Grosbeck (pass 3 overhead walkways) to Elizabeth Rd., turn west on Elizabeth to 1st left Dunham, to Trng. Ctr. 1st drive on right
1/15/03	6-6:30AM (Register) 6:30-10:30PM (Program)	Grand Rapids Fire Department 1101 Monroe Ave. NW Grand Rapids, MI	Exit off 131 at Leonard St; take Leonard east to Monroe; turn right at the fire station and take Monroe to Water Works; go behind the plant to the FD Training Academy
2/15/03	8:30-9:00AM (Register) 9AM-1PM (Program)	HazMat Training Center 7426 Osborn Rd Lansing, MI	From I-96 exit 98A, south to Canal Road, turn right, 1/2 mile to Osborn, turn right to HazMat Training Center
3/26/03	6-6:30PM (Register) 6:30-10:30PM (Program)	Holiday Inn 5665 E. Pickard Rd Mt. Pleasant, MI	US 27 to exit at M-20 (Mt. Pleasant); go east 2/10 of a mile
5/10/03	8-8:30AM (Register) 8:30AM-12:30PM (Program)	St. Clair Community College 323 Erie Street Port Huron, MI	I-94/69 to Exit #274 Water St., east on Water to 10th Avenue (cross river) to Glenwood; right on Glenwood to Stone; right on Stone to Applied Technology Center

Name _____ SS# _____ - _____ - _____

Phone: bus(_____) _____ home (_____) _____

Fire Department _____ FDID _____

Registration should be received 10 days prior to course date.

Questions 517.322.3461 Mail or fax completed form to:

Michigan Fire Fighters Training Council

7150 Harris Drive, Lansing, MI 48913

Fax 517.322.6540

Honda Hybrid Emergency Response Guide

American Honda has prepared an Emergency Response Guide for the Civic Hybrid, available free of charge. The guide addresses safety hazards associated with the Civic Hybrid and the procedures Honda recommends when this vehicle is involved in an emergency situation. The purpose of this guide is to provide emergency-rescue personnel with accurate and useful information to help protect themselves, as well as rescue occupants who may be injured or trapped inside a Civic Hybrid. In addition, the IAFC has copies of American Honda's guide for the Insight Hybrid vehicle. To obtain either of the guides, please contact Meg Hammerstrom at meg@iafc.org or 703.273.9815, ext 347.

Holland Area Fire Prevention Council - FPW 2002

Seeking modern and antique fire vehicles and equipment for the 20th Annual Parade of Fire Vehicles, kicking off Fire Prevention Week 2002, to be held on Saturday, October 5 beginning at 10:30 a.m. in downtown Holland. Vehicles will remain on display in and around the Holland Fire Department's Central Fire Department after the parade. If you have a fire safety display or educational exhibits and would like to participate, please contact the Council at 616.355.1024.

For Sale

40 Scott SCBA Airpacks, 2-A's, 30-minute with aluminum bottle, all current and certified.

40 aluminum Spare Cylinders, 30 minute, current.

Mass array of 2-way communications available.

1965 Howe Class A Engine, 750 tank, 1,000 gpm 2-stage pump, 285 HP gas V8, 5-speed standard trans., side mount pump panel, excellent condition.

1973 Howe Class A Engine, 750 tank, 1,000 gpm 2-stage pump, 285 HP gas V8 with auto trans., side mount pump panel, excellent condition.

1981 Ford, 1-ton van/ambulance, 460 gas, automatic - fair condition, runs good.

1984 Chevy C30, 1-ton cube van, red, diesel, automatic - fair condition - runs good.

Clinton Area Fire & Rescue

Auction - variety of emergency equipment, construction materials, office furniture, cubicles, 2-story complete elevator, and more. Sept. 7, 2002 at Station One, 2761 North US-27, St. Johns, MI.

Contact: Chief Mike Johnson at 517.719.9489 for information.

Wanted - The fire departments of Ontonagon County are in need of used, serviceable, analog, voice high band pagers that can be converted for use on either 155.055 or 155.490. At this time, with many economic hits to our area, most of our budgets are tight at best. Any pagers which could be donated are guaranteed to be shared among the county fire departments.

Contact: Dennis O'Brien, President, Ontonagon County Fire Fighters Association at 906.884.2380 or email at dobrien@goisd.k12.mi.us.

SCBA Units - MSA 2216 psi, 30 minute units (BMR).

18 complete units including harness, air cylinder, spare cylinder and face piece. \$250 each. 3 composite bottles - \$75 7 steel bottles - \$50 Sold as is. Contact: Chief Donald Dominick at 734.449.2385

Fire TIES

Fire TIES is published monthly to promote and maintain a fire safe environment with a focus on fire/fraud investigations, public fire safety and arson prevention education, fire statistics and analysis, and fire fighter training.

Opinions expressed are those of the authors and do not necessarily represent the opinions of the State Fire Marshal or the Michigan Fire Fighters Training Council, unless so noted in the article.

Material submitted to Fire TIES should be of current interest statewide and must be received by the first of the month prior to publication. Persons interested in furnishing material should forward it to: **Fire TIES**, State Fire Marshal's Office: 7150 Harris Drive, Lansing MI 48913.

Editorial Committee Members
Colleen Mohr-SFM 517.322.1750
Gregory Kirt-MFFTC 517.322.5444

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East Lansing, MI 48823

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Calendar of Events

Service Directory

Fire Marshal Division Headquarters

TX: 517.322.1924

Fax: 517.322.2908

www.michigan.gov/msp

click on [Services to](#)

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Fire Investigation 888.684.FIRE

Arson Hot Line 800.44.ARSON

Public Fire Education 517.322.1750

NFIRS 517.322.1939

MFFTC Headquarters TX: 517.322.5444 FAX: 517.322.6540 www.mfftc.org

MFFTC Marquette Lorraine Schwarz TX: 888.879.6459 FAX: 906.225.0834 schwarzl@michigan.gov

MFFTC Grand Rapids Gary Crum TX: 877.475.0844 FAX: 616.784.4498 crumg@michigan.gov

MFFTC Saginaw Deward Beeler TX: 888.879.6458 FAX: 989.758.1980 beelerd@michigan.gov

September

- 9 **MI Fire Inspectors Society**, Executive Board Meeting, 4:00 p.m., Kellogg Center, East Lansing
- 10-13 **MI Fire Inspectors Society**, 53rd Annual Fall Education Seminar, Kellogg Center, East Lansing
- 18 **State Fire Safety Board**, 1:00 p.m., General Office Building, Conf. Rm. B, Lansing
- 19 **MI Fire Service EXPO Exec. Committee**, 9:00 a.m., General Office Building, Conf. Rm B, Lansing
- 19 **MI Joint Fire Service Council**, 10:30 a.m., General Office Building, Conf. Rm. B, Lansing
- 21-22 **Firemen's Memorial Festival**, Roscommon
- 28 **U.P. Fire Chiefs Association**, 10:00 a.m., Location TBA

October

- 1 **MI Arson Prevention Committee**, Executive Committee, Brighton
- 16 **State Fire Safety Board**, 1:00 p.m., General Office Building, Conf. Rm. B, Lansing
- 17 **MI Fire Service EXPO Committee**, 9:00 a.m., General Office Building, Conf. Rm B, Lansing
- 17 **MI Joint Fire Service Council**, 10:30 a.m., General Office Building, Conf. Rm. B, Lansing
- 18 **MI Fire Fighters Training Council**, 10:00 a.m. Work Session, 3:30 p.m. Business Meeting, MFSIA Conference, Traverse City
- 18-20 **MI Fire Service Instructors Association**, Annual Conference, Traverse City

November

- 13 **MI Fire Service Instructors Association**, TBA
- 20 **Western MI Association of Fire Chiefs**, Executive Committee, Kalamazoo
- 20 **State Fire Safety Board**, 1:00 p.m., General Office Building, Conf. Rm. B, Lansing

To submit activities for this calendar, call Colleen Mohr at 517.322.1750 Fax 517.322.2908 or mohrc@michigan.gov

"Quote of the Month"

"I care not what others think of what I do, but I do care very much about what I think of what I do. That is character!"
Theodore Roosevelt

If you would like to share your favorite quote, please send it to Colleen Mohr and include the author if known. If we use your quote, we will credit you with submitting it.

